

Ship Name: **KARAVAS**

Ship Type: **Oil Tankship**

Flag: **Panama**

IMO Number: **9420631**

Date of Action: **11/17/2020**

Action Taken: **Detention**

Port: **Houston, Texas**

Unit: **Sector Houston-Galveston**

Recognized Org: **Lloyd's Register**

Recognized Security
Organization (RSO):

Recognized Org
(RO) Related: **Class Related**

Relevant Certificates: **Safety Construction**

Organization Related **Lloyd's Register**
to Detention:

Ship Management:

Deficiencies: Code - Category

**15109 - Maintenance of the ship and
equipment**

Description

The company and the ship shall comply with the requirements of the International Safety Management Code. The company should ensure that all personnel involved in the company's SMS have an adequate understanding relevant roles, regulations, coded, and guidelines (6.4) In meeting these requirements, the company should ensure that: inspections are held at appropriate intervals (10.2.1), and that any non-conformity is reported with its possible cause , if known (10.2.), in accordance with the vessel's Safety Management System and Maintenance Procedures to include form "STD-GRL-P1-000", life saving and for fighting equipment are to be inspected weekly and monthly.

In accordance with the vessel's "Critical Operations Checklist", pump room electrical fixtures are to be inspected monthly. In accordance with the vessel's "Pump Room Entry Permit" procedures "WTM SF-010" there is to be a system of recording who is in the pump room, the space is to be vacated in the event of a ventilation failure, and the permit shall be rendered invalid should the ventilation of the space stop. As delineated in deficiencies 2-6, objective evidence attest to the vessel's crew failing to properly conduct maintenance and inspections of lifesaving, firefighting, and electrical equipment. Additionally, crew failed to follow pump room entry procedures, not logging PSCO entering, nor turning on ventilation despite walking down the fire stairwell leading down into the pump room. Note, marine chemist was recalled to re-certify the pump room space.

An external audit focusing on maintenance and inspection procedures is required prior to the vessel being released from detention.

12199 - Other (tankers)

In tankers, electrical equipment, cables, and wiring shall not be installed in hazardous locations unless it conforms with standards not inferior to those acceptable to the organization. Reference IEC 60092-502: 199/4.2.2

Multiple explosion proof electrical installations located into the cargo pump room, a Zone "I" hazardous area, were cracked, compromising the integrity of the fixtures. Note, the vessel is loaded with fuel oil and vacuum gasoline, both highly flammable cargoes.

07108 - Ready availability of fire fighting equipment

Fire-fighting systems and appliances shall be kept in good working order and readily available for immediate use.

During operational test of the emergency fire pump, a dime sized hole was discovered on the fire main line causing the pressure to dissipate, thus not providing adequate pressure to the forward most and upper most fire hoses. Temporary repairs were enacted by the crew.

11129 - Operational readiness of lifesaving appliances

Each life raft or group of life rafts shall be bestowed with a float-free arrangement complying with the requirements of paragraph 4.1.6 of the code so that each floats free, and if inflatable, inflates automatically when the ship sinks.

PSCO observed both life rafts on the port main deck tied together and secured to the stationary life racks, thus rendering the float free mechanism inoperable.